

MANGANESE DRY BATTERY

Publication number: JP8213030

Publication date: 1996-08-20

Inventor: KOBAYASHI KAZUNARI; MAEDA MUTSUHIRO

Applicant: TOSHIBA BATTERY

Classification:

- international: *H01M4/06; H01M2/16; H01M6/06; H01M6/22; H01M4/06; H01M2/16; H01M6/00; H01M6/04; (IPC1-7): H01M6/06; H01M2/16; H01M4/06; H01M6/22*

- european:

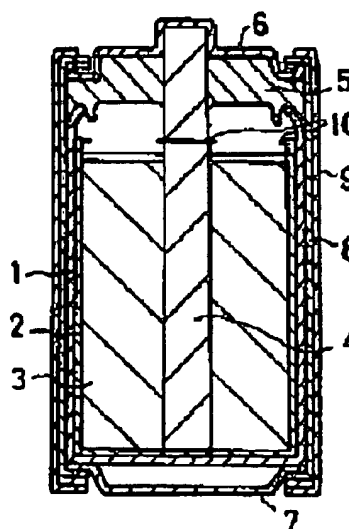
Application number: JP19950016783 19950203

Priority number(s): JP19950016783 19950203

Report a data error here

Abstract of JP8213030

PURPOSE: To restrain the increase in internal resistance at light load discharging time while maintaining a conventional heavy load characteristic by applying specific paste agent to a separator in the dry battery where zinc (alloy) being a negative electrode and a positive electrode mix are oppositely arranged through the separator. **CONSTITUTION:** The battery is formed by oppositely arranging zinc or zinc alloy being a negative electrode 1 and a positive electrode mix 3 (for example, a mold by mixing a conductive agent such as a manganese dioxide and acetylene black and electrolyte mainly composed of zinc chloride) through a separator 2. In this battery, a paste agent (for example, paste agent by adding hippuric acid sodium to paste composed of PVA, prepared starch and surfactant) containing hippuric acid sodium is applied to the separator 2 (for example, kraft paper is used as base material). It is preferable to set an adding quantity of hippuric acid sodium in 0.01 to 0.2mg/cm² to separator base material. As a result, a storage characteristic of the dry battery is also improved.



Data supplied from the esp@cenet database - Worldwide